Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A ~~M~~method for frequency calibration of a testing apparatus for testing mobile terminals provided for operation in a mobile communication net, such as mobile or cellular telephones, comprising:

~~wherein the~~ a testing apparatus passively ~~listens~~ listening to an established communication based on a data communication ~~built up~~ between a mobile ~~telephone~~ terminal and ~~the~~ a mobile communication net~~, wherein~~ the testing apparatus at least partially sampling and evaluating the information signals underlying the communication ~~are at least partially sampled and evaluated by the testing apparatus,~~ and;

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~~wherein~~ based on ~~this~~ the evaluation, calibrating a reference frequency unit incorporated in the testing device ~~is calibrated~~.

2. (Currently Amended) The ~~M~~method according to claim 1, wherein the established communication ~~comprises~~ includes a data communication between the mobile terminal and a base station of the mobile communication network.

3. (Currently Amended) The ~~M~~method according to claim 1, wherein bit streams ~~essentially periodically in the time domain~~ are processed as information signals, the bit streams being periodical in the time domain.

4. (Currently Amended) The ~~M~~method according to claim 3, wherein ~~for a calibration of~~ calibrating the reference frequency unit includes minimizing the frequency error of the bits streams measured by the testing apparatus ~~is minimized for a calibration of the reference frequency unit~~.

5. (Currently Amended) The ~~M~~method according to claim 3, wherein ~~the~~ bursts ~~of~~ from the mobile terminal establishing the data communication are analyzed by the testing apparatus as the bit streams.

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6. (Currently Amended) The ~~M~~method according to claim 5, wherein the reference frequency unit is electrically ~~and/or mechanically~~ calibrated.

7. (Currently Amended) The ~~M~~method according to claim 5, wherein the bursts are analyzed by the testing apparatus in an asynchronous test mode.

8. (Currently Amended) The ~~M~~method according to claim 1, wherein, prior to the testing apparatus passively listening, ~~an initial synchronization phase between~~ the mobile terminal and the base station perform an initial synchronization, ~~is awaited before the data exchange between the mobile terminal and the base station is passively listened to~~.

9. (Currently Amended) The ~~M~~method according to claim 2, wherein to establish a data communication between the mobile terminal and the base station, the mobile

terminal is initialized and booked onto the mobile communication net ~~for establishing the data communication between the mobile terminal and the base station~~.

10. (Currently Amended) The ~~M~~method according to claim 1, wherein the testing apparatus is coupled to a power splitter ~~and/or to an antenna for passively listening to the communication between the mobile terminal and the communication net~~.

11. (Currently Amended) A ~~T~~testing apparatus for testing mobile terminals provided for ~~an~~ operation in a mobile communication net, such as mobile or cellular telephones, for carrying out the method according to claim 1.

12. (Currently Amended) A ~~T~~testing apparatus for testing mobile terminals provided for operation in a mobile communication net, such as a mobile or cellular telephones, ~~wherein~~ the testing apparatus ~~comprises~~ comprising:

a passive listening or tapping mode in which the testing apparatus monitors and evaluates ~~the~~ a data exchange between the mobile terminal and ~~the~~ a mobile communication net,

~~in particular with~~ wherein the mobile communication net includes, a base station ~~thereof~~.

13. (Currently Amended) The ~~T~~testing apparatus for testing mobile terminals according to claim 12, ~~wherein the testing apparatus comprises~~ further comprising:

a reference frequency unit ~~which is~~ , the unit being calibratable in response to the evaluated data obtained in the tapping mode.

14. (Currently Amended) The ~~T~~testing apparatus according to claim 13, wherein the ~~testing apparatus comprises~~ reference frequency unit includes a quartz oscillators ~~as a reference frequency unit~~.

15. (Currently Amended) The ~~T~~testing apparatus according to claim 12, ~~wherein the testing apparatus~~ further comprising ~~comprises~~ a graphic real time display device.

16. (Currently Amended) Use of a mobile terminal, such as a mobile or cellular telephone, provided for operation in a mobile communication net, for frequency calibration of a testing apparatus for testing the mobile terminals provided for operation in a mobile communication net according to claim 12.

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17. (New) The method according to claim 5, wherein the reference frequency unit is mechanically calibrated.

18. (New) The method according to claim 1, wherein the testing apparatus is coupled to an antenna for passively listening to the communication between the mobile terminal and the communication net.